Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/511621
Filing Date	October 19, 2004
First Named Inventor	Petra Cirpus
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	12810-00043-US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,614,393	03-25-1997	Thomas et al.	
	AB	US-6,043,111	03-28-2000	Nishizawa et al.	
	AC	US2004/0111763	06-10-2004	Heinz et al.	

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Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	BA	EP-0550162	07-07-1993	Pioneer Hi-Bred International, INC.		
	BB	EP-0794250	09-10-1997	Soremartec S.A. et al.		
	BC	WO-00/21557	04-20-2000	Merck & Co., Inc.		
	BD	WO-91/13972	09-19-1991	Calgene, Inc.		
	BE	WO-93/06712	04-15-1993	Rhone-Poulenc Agrochimie		
	BF	WO-93/11245	06-10-1993	E.I. Du Pont De Nemours and Co.		
	BG	WO-94/11516	05-26-1994	E.I. Du Pont De Nemours and Co.		
	BH	WO-94/18337	08-18-1994	Monsanto Co., et al.		
	BI	WO-95/18222	07-06-1995	Kirin Beer Kabushiki Kaisha		See US 6,043,411
	BJ	WO-96/21022	07-11-1996	Rhone-Poulenc Agrochimie		
	BK	WO-97/21340	06-19-1997	Cargill, Inc.		
	BL	WO-97/30582	08-28-1997	Carnegie Institution of Washington		
	BM	WO-98/46763	10-22-1998	Calgene LLC, et al.		
	BN	WO-98/46764	10-22-1998	Calgene LLC, et al.		
	BO	WO-98/46765	10-22-1998	Calgene LLC, et al.		
	BP	WO-98/46776	10-22-1998	Calgene LLC		
	BQ	WO-99/27111	06-03-1999	University of Bristol		
	BR	WO-01/02591	01-11-2001	BASF Aktiengesellschaft		See CA 2,378,423
	BS	WO-01/59128	08-16-2001	BASF Aktiengesellschaft		See US 2004/0111763
	BT	CA-2378423 A1	01-11-2001	BASF Plant Science GmbH		

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Examiner Signature		Date Considered	

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Sheet	2	of	2	Attorney Docket Number	12810-00043-US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	CA	Alonso, D. Lopez, et al., "Plants as 'chemical factories' for the production of polyunsaturated fatty acids", Biotechnology Advances, Vol. 18, 2000, pp. 481-497.	
	CB	Sayanova, Olga, et al., "Expression of a borage desaturase cDNA containing an N-terminal cytochrome b5 domain results in the accumulation of high levels of Δ6 -desaturated fatty acids in transgenic tobacco." Proc. Natl. Acad. Sci. USA, Vol. 94, 1997, pp. 4211-4216.	
	CC	Stukey, Joseph et al., "The OLE1 Gene of *Saccharomyces cerevisiae* Encodes the Δ9 Fatty Acid Desaturase and Can Be Functionally Replaced by the Rat Stearoyl-CoA Desaturase Gene", The Journal of Biological Chemistry, Vol. 265, No.33, 1990, pp. 20144-20149.	
	CD	McKeon, Tom, et al., "Stearoyl-Acyl Carrier Protein Desaturase from Safflower Seeds." Methods in Enzymology, Vol. 71, 1981, pp. 275-281.	
	CE	Huang, Yung-Sheng, et al., "Cloning of Δ12-and Δ6-Desaturases from *Mortierella alpina* and Recombinant Production of γ-Linolenic Acid in *Saccharomyces cerevisiae.*" Lipids, Vol. 34, No. 7, 1999, pp.649-659.	
	CF	Wada, Hajime, et al., "Enhancement of chilling tolerance of a cyanobacterium by genetic manipulation of fatty acid desaturation." Nature, Vol. 347, No.6288, 1990, pp.200-203.	
	CG	Wang, Xuemin, et al., "Biosynthesis and regulation of linolenic acid in higher plants." Plant Physiology and Biochemistry, Vol. 26, No. 6, 1988, pp.777-792.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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